

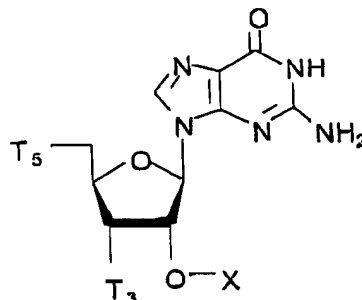
DOCKET NO.: ISIS-0710
Application No.: 07/967,267

PETITION TO
WITHDRAW FROM ISSUE
UNDER 37 CFR 1.313(c)(1)

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

9. (Currently amended) A compound having the structure:



wherein

X is $R_1-(R_2)_n$;

R_1 is C_1-C_{20} alkyl, C_2-C_{20} alkenyl, or C_2-C_{20} alkynyl and n is 1 to 6;

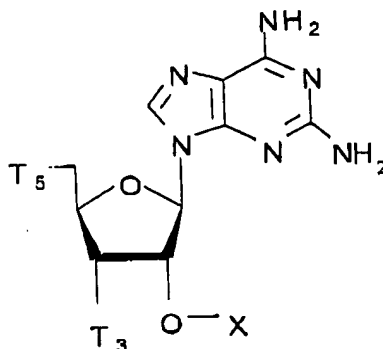
R_2 is halogen, nitro, nitroso, nitrile, trifluoromethyl, trifluoromethoxy, O-alkyl, S-alkyl, NH-alkyl, N-dialkyl, O-aryl, S-aryl, NH-aryl, O-aralkyl, S-aralkyl, NH-aralkyl, imidazole, N-phthalimido, azido, hydrazino, hydroxylamino, isocyanato, sulfoxide, sulfone, sulfide, disulfide, silyl, aryl, heterocycle, carbocycle, intercalator, reporter molecule, conjugate, polyamine, polyamide, polyalkylene glycol, or polyether; and

either one of T_3 and T_5 is OH, a hydroxyl blocking group, phosphate or an activated phosphate group and the other of T_3 and T_5 is a nucleotide or both T_3 and T_5 are nucleotides.

10. (Previously presented) A compound having the structure:

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wherein

X is $R_1-(R_2)_n$;

R_1 is C_1-C_{20} alkyl, C_4-C_{20} alkenyl, or C_2-C_{20} alkynyl;

R_2 is halogen, nitro, nitroso, nitrile, trifluoromethyl, trifluoromethoxy, O-alkyl, S-alkyl, NH-alkyl, N-dialkyl, O-aryl, S-aryl, NH-aryl, O-aralkyl, S-aralkyl, NH-aralkyl, imidazole, N-phthalimido, azido, hydrazino, hydroxylamino, isocyanato, sulfoxide, sulfone, sulfide, disulfide, silyl, aryl, heterocycle, carbocycle, intercalator, reporter molecule, conjugate, polyamine, polyamide, polyalkylene glycol, or polyether;

either one of T_3 and T_5 is OH, a hydroxyl blocking group, phosphate or an activated phosphate group and the other of T_3 and T_5 is a nucleotide, or both T_3 and T_5 are nucleotides; and

n is an integer from 1 to 6.

15. (Previously presented) The compound of claim 9 wherein R_1 is C_4-C_{20} alkyl.
16. (Previously presented) The compound of claim 9 wherein R_1 is C_5-C_{20} alkyl.
17. (Previously presented) The compound of claim 9 wherein R_1 is C_3-C_{20} alkyl and n is 1.
18. (Previously presented) The compound of claim 9 wherein R_1 is C_4-C_{20} alkenyl and n is 1.

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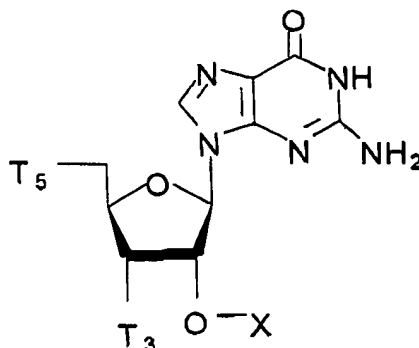
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19. (Previously presented) The compound of claim 9 wherein R_1 is C_2-C_{20} alkynyl and n is 1.
20. (Currently amended) The compound of claim 9 wherein R_1 is C_1-C_{20} C_2-C_{20} alkyl and n is 1 to 6.
21. (Previously presented) The compound of claim 9 wherein R_1 is C_2-C_{20} alkenyl and n is 1 to 6.
22. (Previously presented) The compound of claim 9 wherein R_1 is C_2-C_{20} alkynyl and n is 1 to 6.
23. (Previously presented) The compound of claim 10 wherein R_1 is C_{1-20} alkyl.
24. (Previously presented) The compound of claim 10 wherein R_1 is C_{4-20} alkenyl.
25. (Previously presented) The compound of claim 10 wherein R_1 is C_2-C_{20} alkynyl.

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26. (Previously presented) A compound having the structure:



wherein

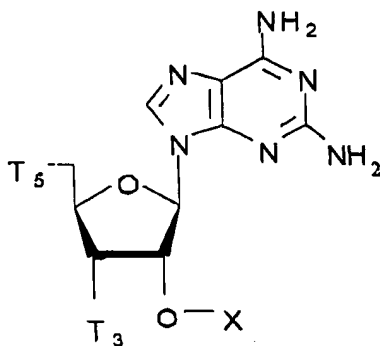
X is $R_1-(R_2)_n$;

R_1 is C_4-C_{20} alkyl, C_4-C_{20} alkenyl, or C_2-C_{20} alkynyl and n is 0; or R_1 is C_1-C_{20} alkyl, C_2-C_{20} alkenyl, or C_2-C_{20} alkynyl and n is 1 to 6;

R_2 is hydroxyl, thiol, keto, carboxyl, or amino; and

either one of T_3 and T_5 is OH, a hydroxyl blocking group, phosphate or an activated phosphate group and the other of T_3 and T_5 is a nucleotide or both T_3 and T_5 are nucleotides.

27. A compound having the structure:



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wherein

X is $R_1-(R_2)_n$;

R_1 is C_1 - C_{20} alkyl, C_4 - C_{20} alkenyl, or C_2 - C_{20} alkynyl;

R_2 is hydroxyl, thiol, keto, carboxyl, or amino;

either one of T_3 and T_5 is OH, a hydroxyl blocking group, phosphate or an activated phosphate group and the other of T_3 and T_5 is a nucleotide, or both T_3 and T_5 are nucleotides; and

n is an integer from 0 to 6.